

## **Abstract**

### **Disposable hygienic protective device for toilet seats (cushion-ring).**

Said protective device consists of two basically oval rings (1) made of soft plastic that are placed one on top of the other and are bonded together (2), and a plastic check valve (3) for inflating the device by blowing air into the ring, thereby turning it into a soft cushion with a point marked on the edge (4) that makes it possible to deflate the cushion-ring after use.

The plastic cushion-ring is inflated by blowing air into the ring through a check valve (which can be pushed into the cushion-ring after this operation). Once inflated and placed on the toilet seat, this cushion-ring provides reliable hygienic protection between the user's body and the toilet seat.

Safety, softness, and elasticity are ensured due to the use of materials such as low-density plastic (LDPE) and vinyl or natural latex. This material makes the device simple and economical to manufacture and handle. The disposable system ensures a high level of hygienic protection for daily needs (once used, the cushion-ring is deflated by pushing on the point that is marked and is disposed of).